| ch | 5/03 |
|-----|------|
| 911 | 21 |

| Substitute Form PTO-1449 U.S. Department of Commerce (Modified) Patent and Trademark Office | | Attorney's Docket No. 00216-091011 | Application No. | |
|--|--|------------------------------------|-----------------|--|
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Mingchih M. Tseng et al. | | |
| | | Filing Date September 15, 2003 | Group Art Unit | |

| U.S. Patent Documents | | | | | | | |
|-----------------------|--------------|--------------------|---------------------|-----------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| FF | AA | 6,497,458 | 12/24/02 | Batson et al. | | | |
| 2 | AB | 6,327,736 | 12/11/01 | Schaefer et al. | | | |
| | AC | 5,998,431 | 12/99 | Tseng et al. | | | |
| رح ا | AD | 5,906,834 | 05/99 | Tseng | | | |
| | AE | 5,851,611 | 12/98 | Guttag | | | |
| | AF | 5,851,551 | 12/98 | Tseng et al. | | | |
| | AG | 5,845,652 | 12/08/98 | Tseng et al. | | | |
| | AH | 5,837,111 | 11/98 | Ebert | | | |
| | AI | 5,823,891 | 10/98 | Winskowicz | | | |
| | AJ | 5,779,471 | 07/14/98 | Tseng et al. | | | |
| 7 | AK | 5,723,132 | 03/98 | Tseng et al. | | | |
| | AL | 5,701,921 | 12/97 | Father et al. | | | |
| | AM | 5,603,161 | 02/97 | Welsh | | | |
| | AN | 5,570,325 | 10/29/96 | Arpadi | | | |
| | AO | 5,551,152 | 09/03/96 | Tseng et al. | | | |
| | AP | 5,454,164 | 10/03/95 | Yin et al. | | | |
| | AQ | 5,388,331 | 02/14/95 | Siamak | | | |
| | AR | 5,349,750 | 09/27/94 | Tseng | | | |
| | AS | 5,340,581 | 08/23/94 | Tseng et al. | | | |
| | AT | 5,320,842 | 06/14/94 | Spencer | | | |
| | AU | 5,313,909 | 05/94 | Tseng et al. | | | |
| | ΑV | 5,300,290 | 05/94 | Spencer | | | |
| | AW | 5,252,577 | 10/93 | Breuer et al. | | | |
| | AX | 5,254,473 | 10/93 | Patel | | | |
| | AY | 5,240,735 | 08/93 | Lau | | | |
| | AZ | 5,240,107 | 08/31/93 | Casale | | | |
| FK | AAA | 5,228,478 | 07/20/93 | Kleisle | | | |

| Examiner Signature Krass, Frederick | Date Considered 9-17-04 |
|---|--|
| EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant. | of in conformance and not considered. Include copy of this form with |

| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 00216-091011 | Application No. | |
|---|--|---|-----------------|--|
| | closure Statement oplicant | Applicant Mingchih M. Tseng et al. | | |
| (Use several sheets if necessary) (37 CFR §1.98(b)) | | Filing Date September 15, 2003 Group Art Unit | | |

| | | | | ent Documents | | | |
|---------------------|--------------|--------------------|---------------------|-------------------|-------|---------------------------------------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| F4 | BA | 5,169,645 | 12/08/92 | Shukla et al. | | | |
| 1 | BB | 5,119,557 | 06/09/92 | Kaiko | | | |
| | BC | 5,113,585 | 05/19/92 | Rogers et al. | | | |
| | BD | 5,098,711 | 03/24/92 | Hill et al. | | | |
| | BE | 5,096,833 | 03/92 | Lau et al. | | | |
| | BF | 5,095,619 | 03/17/92 | Davis et al. | | | |
| | BG | 5,070,891 | 12/10/91 | Rutherford | | | |
| | ВН | 5,069,231 | 12/03/91 | Rutherford | | | |
| | BI | 5,062,209 | 11/05/91 | Rais | | | |
| | ВЈ | 5,061,106 | 10/29/91 | Kent | | | |
| | BK | 5,053,339 | 10/91 | Patel | | | |
| | BL | 5,049,358 | 09/91 | Lau | | | |
| | ВМ | 5,019,400 | 05/28/91 | Gombotz et al. | | | |
| | BN | 5,015,504 | 05/91 | Gent et al. | | | - |
| | ВО | 5,011,445 | 04/91 | Nakasuji et al. | | | |
| | BP | 5,002,075 | 03/26/91 | Kellett et al. | | | |
| | BQ | 4,986,288 | 01/22/91 | Kent et al. | | | |
| | BR | 4,980,150 | 12/25/90 | Keith | • | | |
| | BS | 4,978,391 | 12/18/90 | Jones | | | |
| | вт | 4,941,487 | 08/17/90 | VanBeneden | | | |
| | BU | 4,931,051 | 06/90 | Castello | | | |
| | BV | 4,904,479 | 02/27/90 | Illum | | | |
| | BW | 4,892,736 | 01/09/90 | Goodman | | | |
| | BX | 4,875,287 | 10/24/89 | Creasy et al. | | | |
| | BY | Re 33,093 | 10/17/89 | Schiraldi et al. | | | |
| V | BZ | 4,872,263 | 10/10/89 | Etheredge, III | | | |
| FK | BAA | 4,861,627 | 08/29/89 | Mathiowitz et al. | | · · · · · · · · · · · · · · · · · · · | |

| Examiner Signature | Date Considered |
|--|---|
| Krass, Frederick | 9-17-04 |
| EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant. | t in conformance and not considered. Include copy of this form with |

| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 00216-091011 | Application No. | |
|--|--|------------------------------------|-----------------|--|
| Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Mingchih M. Tseng et al. | | |
| | | Filing Date September 15, 2003 | Group Art Unit | |

| | U.S. Patent Documents | | | | | | | |
|---------------------|-----------------------|--------------------|---------------------|----------------------|-------|----------|----------------------------|--|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate | |
| FK | CA | 4,856,541 | 08/15/89 | Kellett et al. | | | | |
| | СВ | 4,837,007 | 06/06/89 | Duckworth et al. | | | · | |
| | CC | 4,834,076 | 05/30/89 | Millet et al. | | | | |
| | CD | 4,802,255 | 02/89 | Breur et al. | | | | |
| | CE | 4,780,320 | 10/25/88 | Baker | | | | |
| | CF | 4,759,713 | 07/88 | Heiss et al. | | | | |
| | CG | 4,713,243 | 12/15/87 | Schiraldi et al. | | | | |
| | СН | 4,697,342 | 10/6/87 | Ferraro | | | | |
| | CI | 4,685,883 | 08/11/87 | Jernberg | | | | |
| | CJ | 4,624,051 | 11/25/86 | Apprille, Jr. et al. | | | | |
| | CK | 4,604,604 | 08/05/86 | Mann | | | | |
| | CL | 4,586,255 | 05/06/86 | Jacobson | | | | |
| | CM | 4, 517,703 | 05/21/85 | Koke | | | | |
| | CN | 4, 479,501 | 10/84 | Chern | | | | |
| | CO | 4, 411,041 | 10/25/83 | Braga | | | | |
| | CP | 4, 268,958 | 05/26/81 | Hilbert | | | | |
| | CQ | 4,257,188 | 03/81 | Barker | | | | |
| | CR | 4,208,984 | 06/24/80 | Glanzman | | | | |
| | CS | 4,201,599 | 05/06/80 | Morgans | | | | |
| | СТ | 4,170,821 | 10/16/79 | Booth | | | Ų. | |
| | CU | 4,071,645 | 01/78 | Kahn | | | | |
| | CV | 4,033,365 | 07/05/77 | Klepak et al. | | | | |
| | CW | 4,018,729 | 04/19/77 | Faucher et al. | | | | |
| | CX | 3,992,336 | 11/16/76 | Faucher et al. | | | | |
| | CY | 3,991,766 | 11/16/76 | Schmitt et al. | | | | |
| | CZ | 3,978,206 | 08/31/76 | Naumann et al. | | | | |
| PK | CAA | 3,960,757 | 06/01/76 | Morishita et al. | | | | |

| Date Considered 9-17-04 |
|---|
| in conformance and not considered. Include copy of this form with |
| |

| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 00216-091011 | Application No. | |
|---|--|------------------------------------|-----------------|--|
| Information Disclosure Statement by Applicant (Use several sheets if necessary) | | Applicant Mingchih M. Tseng et al. | | |
| | | Filing Date | Group Art Unit | |
| (37 CFR §1.98(b)) | | September 15, 2003 | | |

| U.S. Patent Documents | | | | | | | |
|-----------------------|--------------|--------------------|---------------------|------------------|-------|----------|----------------------------|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee | Class | Subclass | Filing Date If Appropriate |
| ** | DA | 3,943,949 | 03/16/76 | Ashton et al. | | | |
| | DB | 3,934,001 | 01/20/76 | Watson | | | |
| | DC | 3,898,172 | 08/75 | Reif et al. | | | |
| | DD | 3,897,795 | 08/05/75 | Engel | | | |
| | DE | 3,879,844 | 4/29/75 | Griffiths | | | |
| | DF | 3,833,008 | 09/03/74 | Blackett, Jr. | | | , |
| | DG | 3,830,247 | 08/20/74 | Kaphalakos | | | |
| | DH | 3,810,479 | 05/74 | Miles | | | |
| | DI | 3,771,536 | 11/13/73 | Dragan | | | |
| | DJ | 3,699,979 | 10/24/72 | Muhler et al. | | | |
| | DK | 3,618,563 | 11/09/71 | Singer | | | |
| | DL | 3,512,256 | 11/09/66 | Snyder | | | |
| | DM | 3,394,456 | 09/09/66 | Gatz | | | |
| | DN | 3,380,848 | 04/30/68 | Horowitz et al. | | | |
| | DO | 3,258,805 | 07/66 | Rossnan | | | |
| | DP | 3,229,659 | 09/22/64 | Sciascia | | | |
| | DQ | 3,162,572 | 12/22/64 | Granquist et al. | | | |
| | DR | 3,067,218 | 02/05/63 | Cook et al. | | | , |
| | DS | 4,381,293 | 04/26/83 | Michel | | | |
| | DT | 4,307,739 | 12/81 | Chern | | | |
| | DU | 2,965,912 | 12/27/60 | Cohen et al. | | | |
| | DV | 2,939,164 | 05/07/60 | Rosenthal et al. | | | |
| | DW | 2,938,814 | 05/31/60 | Cohen et al. | | | |
| | DX | 2,901,392 | 08/25/59 | Cohen et al. | | | |
| | DY | 2,885,993 | 04/22/57 | Murphy | | | |
| | DZ | 2,880,129 | 03/31/59 | Billings et al. | | | |
| Pk. | DAA | 2,812,575 | 11/4/54 | Abbott et al. | | | |

| Examiner Signature | Date Considered |
|--|---|
| Krass, Frederick | 9-17-04 |
| EXAMINER: Initials citation considered. Draw line through citation if no | t in conformance and not considered. Include copy of this form with |
| next communication to applicant. | , and the same term to |

| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 00216-091011 | Application No. | |
|---|--|------------------------------------|-----------------|--|
| 1 | losure Statement | Applicant Mingchih M. Tseng et al. | | |
| (Use several sheets if necessary) (37 CFR §1.98(b)) | | Filing Date September 15, 2003 | Group Art Unit | |

| | U.S. Patent Documents | | | | | | |
|---------------------|-----------------------|--------------------|---------------------|-------------------------|--|--|-----|
| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee Class Subclass | | Filing Da ass Subclass If Appropr | |
| AL | EA | 2,750,664 | 1,1/16/53 | Merlo | | | |
| | EB | 2,703,451 | 03/08/55 | Hensel | | | |
| | EC | 2,680,290 | 02/01/49 | Steinberg | | | |
| | ED | 2,670,489 | 03/02/54 | Cross et al. | | | |
| | EE | 2,667,443 | 01/26/54 | Ashton et al. | | | |
| | EF | 2,386,085 | 10/02/45 | Babel | | | |
|) | EG | 2,326,774 | 07/11/39 | Freedman | | | |
| | EH | 2,304,478 | 12/08/42 | Rosenzweig | | | (i) |
| | EI | 2,216,333 | 10/01/40 | White et al. | | | |
| | EJ | 2,099,888 | 11/23/37 | Hill et al. | | ************************************** | |
| | EK | 1,673,638 | 06/12/28 | Peterson | | | |
| | EL | 1,411,681 | 04/04/22 | Burlew | | 8 | |
| | EM | 846,900 | 05/12/07 | Bloom | | | |
| | EN | 639,376 | 12/1899 | Goehring | | | |
| 6 | EO | 259,268 | 10/05/26 | Gordijn et al. | | | |
| #V | EP | 21,197 | 09/05/39 | Hill et al. | | | |

| | Foreig | n Patent Doo | uments or P | ublished Foreign | Patent / | Application | ns | |
|----------|--------|--------------|-------------|------------------|----------|-------------|-------|--------|
| Examiner | Desig. | Document | Publication | Country or | | | Trans | lation |
| Initial | ID | Number | Date | Patent Office | Class | Subclass | Yes | No |
| | EQ | WO 96/04112 | 15.02.96 | PCT | | | į | |
| | ER | WO 96/01172 | 18.01.96 | PCT | | | | |
| | ES | WO 95/22444 | 08.24.95 | PCT | | | | |
| | ET | WO 95/20472 | 08.03.95 | PCT | | | | |
| | EU | JP 7-124344 | 05.16.95 | Japan | | | | |
| | EV | WO 93/15883 | 08.19.93 | PCT | | | | |
| | EW | WO 93/16135 | 08.19.93 | PCT | | | | |
| | EX | 0550835 | 07.14.93 | EPO | | | | |

| Examiner Signature Krass, Fraderick | Date Considered 9-17-04 |
|--|---|
| EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant. | t in conformance and not considered. Include copy of this form with |

| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 00216-091011 | Application No. | |
|-------------------------------------|--|------------------------------------|-----------------|--|
| 1 | closure Statement oplicant | Applicant Mingchih M. Tseng et al. | | |
| (Use several sh | eets if necessary) | Filing Date September 15, 2003 | Group Art Unit | |

| | Foreign Patent Documents or Published Foreign Patent Applications | | | | | | | |
|----------|---|-----------|-------------|----------------|-------|----------|-------|--------|
| Examiner | Desig. | Document | Publication | Country or | | | Trans | lation |
| Initial | ID | Number | Date | Patent Office | Class | Subclass | Yes | No |
| F4 | FA | 2637528 | 04.13.90 | France | | | | |
| | FB | 3604983 | 08.20.87 | Germany | | | | |
| | FC | 3533238 | 02.26.87 | Germany | | | | |
| | FD | 0244118 | 14.04.87 | EPO | | | | |
| | FE | 2563142 | 10.15.85 | France | | | | |
| | FF | 2024082 A | 05.31.78 | United Kingdom | | | | |
| 1 | FG | 133093 | 04.25.33 | Austria | | | | |
| \$V | FH | 259268 | 10.05.26 | Great Britain | | | | |

| | Other Documents (include Author, Title, Date, and Place of Publication) | | | | | | |
|----------|---|---|--|--|--|--|--|
| Examiner | Desig. | | | | | | |
| Initial | ID_ | Document | | | | | |
| #V- | FI | ller et al., "Camouflage nanospheres: a new approach to bypassing phagocytic blood clearance by acc modified particulate carriers", Pharm. Pharmacol Lett, 3 (1993) 67-70 | | | | | |
| | FJ | Blume et al., "Specific targeting with poly(ethylene glycol)-modified liposomes: coupling of homing",Biochimica et Biophysica Acta, 1149 (1993) 180-184 | | | | | |
| | FK | Torchilin et al., "Targeted accumulation of polyethylene glycol-coated immunoliposomes in infracted rabbit myocardium", The FASEB Journal, 6 (June 1992) 2716-2719 | | | | | |
| | FL | Sparks, Memo regarding Gillette Project Descriptions, (June 22, 1994) | | | | | |
| | FM | Heller et al., "In Vitro and In Vivo Release of Levonorgestrel from Poly(orthoesters), Journal of Controlled Release, 1 (1985) 225-232 | | | | | |
| | FN | Holland et al., "Polymers for Biodegradable Medical Devices. 1. The Potential of Polyesters as Controlled Macromolecular Release Systems", Journal of Controlled Release, 4 (1986) 155-180 | | | | | |
| | FO | Mathiowitz et al., "Polyanhydride Microspheres as Drug Carriers. II. Microencapsulation by Solvent Removal", Journal of Applied Polymer Science, 35 (1988) 755-774 | | | | | |
| # | FP | Mathiowitz et al., "Polyanhydride microspheres: 3. Morphology and characterization of systems made by solvent removal", Polymer, 31 (March 1990) 547-555 | | | | | |

| Examiner Signature | Date Considered |
|--|-----------------|
| Krass, Frederick | 9-17-04 |
| EXAMINER: Initials citation considered. Draw line through citation if no | |
| next communication to applicant. | |